Call for Papers

Fuel research and development for the 21st Century

Symposium on
Hydrogen and Syngas Production and Conversion

242nd ACS National Meeting & Exposition
Aug. 28-Sept. 1, 2011, Denver, Colorado, USA

Division of Fuel Chemistry, American Chemical Society

ACS Theme: **Chemistry in Air, Space, and Water**

The last decade has seen a considerable interest in Hydrogen generation technologies in particular from renewable processes. The recognition that both hydrogen generation and syngas utilization have many common fundamental and technological aspects has stimulated the call for this special symposium. Grouping researchers from different horizons (catalysis, solar- thermal, electro- and photo-catalysis) working on hydrogen and syngas production and conversion would enhance our understanding and stimulate future work needed for the advancement of this field.

Topics may include:

- Advances in hydrogen / syngas production from renewable and non-renewable sources, including: photo-catalytic, electro-catalytic and thermal processes.
- Advances in Fischer-Tropsch synthesis
- Catalytic processes for the conversion of syngas to oxygenates, olefins and other chemicals
- Water Gas Shift, Partial oxidation and methanation reactions

Due date for online submission of abstracts and 2-page Preprints: April 11, 2011
http://abstracts.acs.org

Organizers

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